



ECP Rabbit mAb

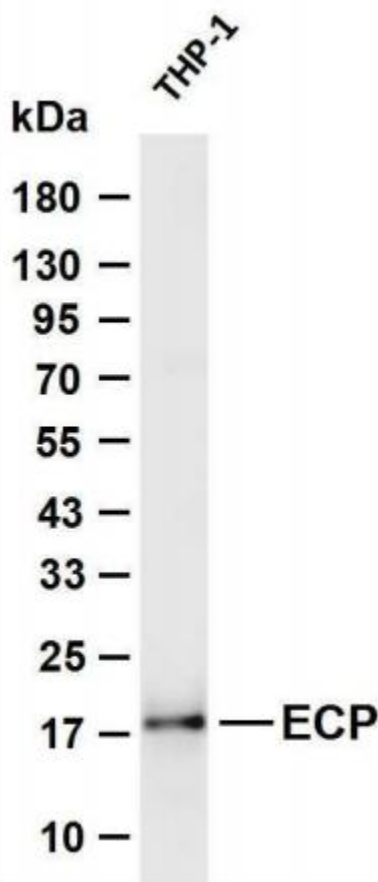
Catalog No	YP-rAb-18208
Isotype	IgG
Reactivity	Human
Applications	WB,IHC,IF,ELISA
Gene Name	RNASE3
Protein Name	Eosinophil cationic protein
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:1000-1:5000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	ECP;Eosinophil cationic protein;RNASE3 ; ECP ; RNS3 ; Eosinophil cationic protein ; Ribonuclease 3 ; RNase 3;RNASE3
Observed Band	18kD
Calculated Molecular Weight	18kD
Cell Pathway	Secreted. Located in the matrix of eosinophil large specific granule, which are released following activation by an immune stimulus.
Tissue Specificity	Colon,Fetal liver,Peripheral blood granulocyte,
Function	Disease:Induces the neurotoxic effect known as the Gordon phenomenon.,Function:Cytotoxin and helminthotoxin with low-efficiency ribonuclease activity. Possesses a wide variety of biological activities. Exhibits antibacterial activity.,similarity:Belongs to the pancreatic ribonuclease family.,subcellular location:Matrix of eosinophil's large specific granule.,
Background	The protein encoded by this gene belongs to the pancreatic ribonuclease family, a subset of the ribonuclease A superfamily. The protein exhibits antimicrobial activity against pathogenic bacteria [provided by RefSeq, Oct 2014],
matters needing attention	Avoid repeated freezing and thawing!





Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ECP antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: THP-1 Predicted band size: 18kDa Observed band size: 18kDa

